

Report of Analysis

Client:	PSEG	Date Collected:	08/29/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	08/29/25
Client Sample ID:	EO-01-082925	SDG No.:	Q2997
Lab Sample ID:	Q2997-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	5.25 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023262.D	1	09/02/25 14:00	VY090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.0052	mg/Kg
74-87-3	Chloromethane	0.0012	U	0.0012	0.0052	mg/Kg
75-01-4	Vinyl Chloride	0.00081	U	0.00081	0.0052	mg/Kg
74-83-9	Bromomethane	0.0011	U	0.0011	0.0052	mg/Kg
75-00-3	Chloroethane	0.0013	U	0.0013	0.0052	mg/Kg
75-69-4	Trichlorofluoromethane	0.0012	U	0.0012	0.0052	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0011	U	0.0011	0.0052	mg/Kg
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.0052	mg/Kg
67-64-1	Acetone	0.0049	U	0.0049	0.026	mg/Kg
75-15-0	Carbon Disulfide	0.0011	U	0.0011	0.0052	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00075	U	0.00075	0.0052	mg/Kg
79-20-9	Methyl Acetate	0.0016	U	0.0016	0.0052	mg/Kg
75-09-2	Methylene Chloride	0.0036	U	0.0036	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00089	U	0.00089	0.0052	mg/Kg
75-34-3	1,1-Dichloroethane	0.00082	U	0.00082	0.0052	mg/Kg
110-82-7	Cyclohexane	0.00081	U	0.00081	0.0052	mg/Kg
78-93-3	2-Butanone	0.0067	U	0.0067	0.026	mg/Kg
56-23-5	Carbon Tetrachloride	0.0010	U	0.0010	0.0052	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00077	U	0.00077	0.0052	mg/Kg
74-97-5	Bromochloromethane	0.0012	U	0.0012	0.0052	mg/Kg
67-66-3	Chloroform	0.00087	U	0.00087	0.0052	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00096	U	0.00096	0.0052	mg/Kg
108-87-2	Methylcyclohexane	0.00094	U	0.00094	0.0052	mg/Kg
71-43-2	Benzene	0.00081	U	0.00081	0.0052	mg/Kg
107-06-2	1,2-Dichloroethane	0.00081	U	0.00081	0.0052	mg/Kg
79-01-6	Trichloroethene	0.00083	U	0.00083	0.0052	mg/Kg
78-87-5	1,2-Dichloropropane	0.00094	U	0.00094	0.0052	mg/Kg
75-27-4	Bromodichloromethane	0.00080	U	0.00080	0.0052	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0037	U	0.0037	0.026	mg/Kg
108-88-3	Toluene	0.00080	U	0.00080	0.0052	mg/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
103-65-1	n-propylbenzene	3.40	J		12.6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	31.7	J		12.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	32.2	J		13.0	ug/Kg
135-98-8	sec-Butylbenzene	5.80	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	6.20	J		13.3	ug/Kg
104-51-8	n-Butylbenzene	4.60	J		13.6	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products